

AMENDMENTS TO THE CLAIMS:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method for constructing a high rise building having a core and a residence space around the core, the method comprising the steps of:

(a) installing a steel-frame pillar on a shaft portion of the core;

(b) connecting a girder to the steel-frame pillar, the girder includes an anchor-connecting member to which a steel-frame beam is connected, a portion of the anchor-connecting member being buried in a core wall;

(c) assembling the steel-frame beam on the anchor-connecting member;

(d) arranging a reinforcing bar ~~bars~~ in a deck plate or a slab type mold installed on the steel-frame beam, and mounting a reinforcing bar on a wall of in the core wall; and

(e) applying a slab concrete for a slab and concrete for the wall of the a-core concrete simultaneously or in this order.

2. (Previously Presented) The method of claim 1, wherein plural sub-connecting members for supporting the deck plate or the slab type mold are installed on the girder installed

between the steel-frame pillars, the sub-connecting members including a connecting member coupled to the girder and a supporting member coupled to one end of the connecting member.

3. (Previously Presented) The method of claim 1, wherein the anchor-connecting member comprises a connecting member connected to the girder by welding or bolts, an anchor plate connected to the connecting member by welding or bolts, a gusset plate welded on the anchor plate, and a stud or shear connector extended from the anchor plate to the concrete wall and buried in the concrete.

4. (Previously Presented) The method of claim 1, wherein the step (c) further comprises the steps of forming a slot hole on the anchor-connecting member and coupling a high tensioned bolt in the slot hole to be assembled on the steel-frame beam.